

Converting Colors

Hex(000CA7)

Have a look what the booklet for
Hex(000CA7) contains.

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Color

Hex(000CA7)

Conversions

Conversions Part 1

Format	Color
Hex	000CA7
RGB	0, 12, 167
RGB Percent	0%, 5%, 65%
CMY	1.0000, 0.9529, 0.3451
CMYK	1.00, 0.93, 0.00, 0.35
HSL	236°, 100%, 33%
HSV	236°, 100%, 65%
XYZ	7.1065, 3.0530, 36.7739
YIQ	26.0820, -56.9070, 45.6610

Conversions

Conversions Part 2

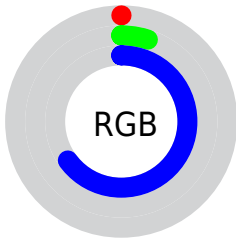
Format	Color
RYB	0, 11, 167
Decimal	3239
CIELab	20.25, 54.37, -76.77
CIElCh	20, 94.075, 305.306
Yxy	3.0530, 0.1514, 0.0650
Android (android.graphics.Color)	4278193319 (0xFF000CA7)
YUV	26.0820, 69.4726, -22.8739
Hunter-Lab	17.4727, 42.0224, -112.5536

Details

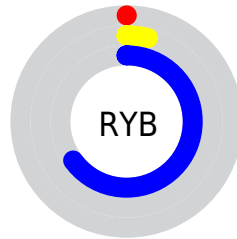
The Hex color **000CA7** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A79B00**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **5F40E0**, and **000071** is the 20% darker color. If you saturate the color by 10%, you get **000CA7**, and if you desaturate by 10%, it is **111CA7**.

Distribution



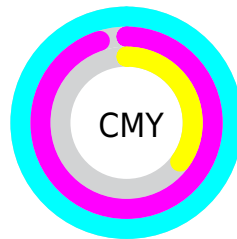
- Red (0%)
- Green (5%)
- Blue (65%)



- Red (0%)
- Yellow (4%)
- Blue (65%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (95%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000CA7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 000CA7 by changing the saturation by 10% instead.

 000CA7

 000CA7

 FFFDFF

 00008C

 5F40E0

 000071

 7E59FD

 000358

 9D72FF

 00063F

 BB8DFF

 000328

 DAA8FF

 000112

 F8C4FF

 000000

 FFE0FF

 000CA7

■ 111CA7

■ 212BA7

■ 323BA7

■ 434AA7

■ 535AA7

■ 6469A7

■ 7579A7

■ 8688A7

■ 9697A7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



003CC3



000CA7



84006D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000CA7



680700



00453C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



000CA7



A79B00

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004300



000CA7



323300

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



000CA7



8D0000



003F00



004782

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



000CA7



98003F



003F00



004424

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



000CA7



989CD9



00A799



46496E



EDEDED



6E6E6E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



000CA7



0010D9



4600A7



4C4C54



000B94



000114

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A7000C



D90010



61A700



544C4C



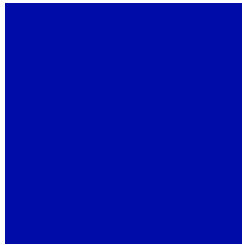
94000B



140001

Previews

White Background



This preview shows how the Hex color 000CA7 looks on a white background.

Color Contrast Check

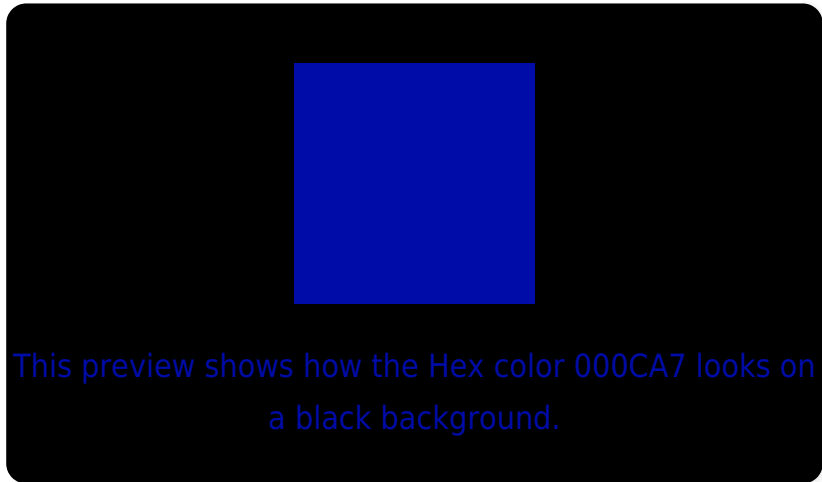
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

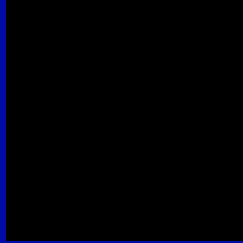
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 000CA7 Background



This preview shows how black text looks on a background with the Hex color 000CA7.



This preview shows how white text looks on a background with the Hex color 000CA7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
000CA7

Protanopia
003168

Deuteranopia
003558

Trichromacy



Original Color
000CA7

Protanomaly
00247F

Deuteranomaly
002675

Monochromacy



Original Color
000CA7

Achromatopsia
1A1A1A

Achromatomaly
11154D

CSS Examples

Text

The CSS property to change the color of the text to Hex 000CA7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #000CA7 looks like.

```
.text, #text, p{  
    color:#000CA7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #000CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000CA7
}
```

Border

The CSS property to change the border of an element to Hex 000CA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000CA7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#000CA7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #000CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000CA7; -webkit-box-shadow:4px 4px  
4px 4px #000CA7; box-shadow:4px 4px 4px  
4px #000CA7 }
```

Background

The CSS property to change the background color of an element to Hex 000CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000CA7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#000CA7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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